

SEQUENCE LISTING

<110> Natsume, Tohru

Watanabe, Ken

<120> Novel interaction between proteins, and therapeutic agent for
disuse muscular atrophy or method associated with
disuse muscular atrophy taking advantage
of novel interaction

<130> 039371-17

<140> 10581969

<141> 2006-06-06

<160> 5

<210> 1

<211> 213

<212> PRT

<213> Homo sapiens

<220>

<223> ZNF216(Zub 1)

<400> 1

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Ser	Val	Cys	Tyr	Lys	Glu	His	Leu	Gln	Arg	Gln	Gln	Asn	Ser	Gly
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Arg	Met	Ser	Pro	Met	Gly	Thr	Ala	Ser	Gly	Ser	Asn	Ser	Pro	Thr
				50					55					60
Ser	Asp	Ser	Ala	Ser	Val	Gln	Arg	Ala	Asp	Thr	Ser	Leu	Asn	Asn
				65					70					75
Cys	Glu	Gly	Ala	Ala	Gly	Ser	Thr	Ser	Glu	Lys	Ser	Arg	Asn	Val
				80					85					90
Pro	Val	Ala	Ala	Leu	Pro	Val	Thr	Gln	Gln	Met	Thr	Glu	Met	Ser
				95					100					105
Ile	Ser	Arg	Glu	Asp	Lys	Ile	Thr	Thr	Pro	Lys	Thr	Glu	Val	Ser
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Glu	Pro	Val	Val	Thr	Gln	Pro	Ser	Pro	Ser	Val	Ser	Gln	Pro	Ser
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Thr	Ser	Gln	Ser	Glu	Glu	Lys	Ala	Pro	Glu	Leu	Pro	Lys	Pro	Lys
				140					145					150
Lys	Asn	Arg	Cys	Phe	Met	Cys	Arg	Lys	Lys	Val	Gly	Leu	Thr	Gly
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Phe	Asp	Cys	Arg	Cys	Gly	Asn	Leu	Phe	Cys	Gly	Leu	His	Arg	Tyr
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Ser	Asp	Lys	His	Asn	Cys	Pro	Tyr	Asp	Tyr	Lys	Ala	Glu	Ala	Ala
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Gln	Arg	Ile												

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<212> PRT

<213> Homo sapiens

<220>

<223> AWP1(Zub 2)

<400> 2

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Ser	Val	Cys	Tyr	Lys	Glu	His	Leu	Gln	Arg	Gln	Asn	Ser	Ser	Asn	
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Gly	Arg	Ile	Ser	Pro	Pro	Ala	Thr	Ser	Val	Ser	Ser	Leu	Ser	Glu	
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Ser	Leu	Pro	Val	Gln	Cys	Thr	Asp	Gly	Ser	Val	Pro	Glu	Ala	Gln	
				65					70					75	
Ser	Ala	Leu	Asp	Ser	Thr	Ser	Ser	Ser	Met	Gln	Pro	Ser	Pro	Val	
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Ser	Asn	Gln	Ser	Leu	Leu	Ser	Glu	Ser	Val	Ala	Ser	Ser	Gln	Leu	
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Asp	Ser	Thr	Ser	Val	Asp	Lys	Ala	Val	Pro	Glu	Thr	Glu	Asp	Val	
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Gln	Ala	Ser	Val	Ser	Asp	Thr	Ala	Gln	Gln	Pro	Ser	Glu	Glu	Gln	
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Ser	Lys	Ser	Leu	Glu	Lys	Pro	Lys	Gln	Lys	Lys	Asn	Arg	Cys	Phe	
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Cys	Ser	Tyr	Asn	Tyr	Lys	Ala	Asp	Ala	Ala	Glu	Lys	Ile	Arg	Lys	
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<212> DNA

<213> Homo sapiens

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<223> ZNF216

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ctgccgatgt	ggaaatttgt	tttgtggact	tcaccgttac	tctgacaagc	550
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<212> DNA

<213> Homo sapiens

<220>

<223> AWP1

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cctgcaacct	ctgtcagtag	tctgtctgaa	tctttaccag	ttcaatgcac	200
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ctatgcagcc	cagccctgta	tcaaatacgt	cacttttatc	agaatctgta	300
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agaagatgtg	caggcttcag	tatcagacac	agcacagcag	ccatctgaag	400
agcaaagcaa	gtctcttgaa	aaaccgaaac	aaaaaaagaa	tcgctgtttc	450
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tgtttactgt	ggtgtacacc	gttactcaga	tgtacacaat	tgctcttaca	550
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<210> 5

<211> 70

<212> RNA

<213> Homo sapiens

<220>

<223> siRNA of AWP1

<400> 5

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